

Appendix AA

AA. Sector AA - Fabricated Metal Products.

1. Covered Stormwater Discharges. The requirements in Part VI for Sector AA apply to stormwater discharges associated with industrial activity from Fabricated Metal Products facilities as identified by the SIC Codes specified below.

SECTOR AA: FABRICATED METAL PRODUCTS	
3144-3499	Fabricated Metal Products, Except Machinery and Transportation Equipment
3911-3915	Jewelry, Silverware, and Plated Ware

2. Industrial Activities Covered by Sector AA. The types of activities that permittees under Sector AA are primarily engaged in are:
 - a. fabricated metal products; except for electrical related industries;
 - b. fabricated metal products; except machinery and transportation equipment;
 - c. jewelry, silverware, and plated ware.
3. Stormwater Pollution Prevention Plan (SWPPP) Requirements. In addition to the following requirements, the permittee must also comply with the requirements listed in Part IV.
 - a. *Drainage Area Site Map.* (See also Part IV(F)(2)(b)) Identify where any of the following may be exposed to precipitation / surface runoff: raw metal storage areas; finished metal storage areas; scrap disposal collection sites; equipment storage areas; retention and detention basins; temporary / permanent diversion dikes or berms; right-of-way or perimeter diversion devices; sediment traps / barriers; processing areas including outside painting areas; wood preparation; recycling; and raw material storage.
 - b. *Spills and Leaks.* (See also Part IV(F)(5)) When listing spills / leaks, pay attention to the following materials at a minimum: chromium, toluene, pickle liquor, sulfuric acid, zinc and other water priority chemicals and hazardous chemicals and wastes.
 - c. *Potential Pollutant Sources.* (See also Part IV(F)(4)) Describe the following additional sources and activities that have potential pollutants associated with them: loading and unloading operations for paints, chemicals and raw materials; outdoor storage activities for raw materials, paints, empty containers, corn cob, chemicals, and scrap metals; outdoor manufacturing or processing activities such as grinding, cutting, degreasing, buffing, brazing, etc; onsite waste disposal practices for spent solvents, sludge, pickling baths, shavings, ingots pieces, refuse and waste piles.
 - d. *Good Housekeeping Measures.* (See also Part IV(F)(7)(b)(i))

1. Raw Steel Handling Storage. Describe and implement measures controlling or recovering scrap metals, fines and iron dust. Include measures for containing materials within storage handling areas.
 2. Paints and Painting Equipment. Describe and implement measures to prevent or minimize exposure of paint and painting equipment to stormwater.
- e. *Spill Prevention and Response Procedures.* (See also Part IV(F)(7)(b)(i)) Ensure the necessary equipment to implement a clean up is available to personnel. The following areas should be addressed:
1. Metal Fabricating Areas. Describe and implement measures for maintaining clean, dry, orderly conditions in these areas. Consider the use of dry clean-up techniques.
 2. Storage Areas for Raw Metal. Describe and implement measures to keep these areas free of condition that could cause spills or leakage of materials. Consider the following (or their equivalents): maintaining storage areas such that there is easy access in the event of a spill; and labeling stored materials to aid in identifying spill contents.
 3. Receiving, Unloading, and Storage Areas. Describe and implement measures to prevent spills and leaks; plan for quick remedial clean up; and instruct employees on clean-up techniques and procedures.
 4. Storage of Equipment. Describe and implement measures for preparing equipment for storage and the proper storage of equipment. Consider the following (or their equivalents): protecting with covers; storing indoors; and cleaning potential pollutants from equipment to be stored outdoors.
 5. Metal Working Fluid Storage Areas. Describe and implement measures for storage of metal working fluids.
 6. Cleaners and Rinse Water. Describe and implement measures: to control / cleanup spills of solvents and other liquid cleaners; control sand buildup and disbursement from sand-blasting operations; and prevent exposure of recyclable wastes. Substitute environmentally-benign cleaners when possible.
 7. Lubricating Oil and Hydraulic Fluid Operations. Consider using monitoring equipment or other devices to detect and control leaks / overflows. Consider installing perimeter controls such as dikes, curbs, grass filter strips or other equivalent measures.
 8. Chemical Storage Areas. Describe and implement proper storage methods that prevent stormwater contamination and accidental spillage. Include a program to inspect containers and identify proper disposal methods.
- f. *Inspections.* (See also Part IV(F)(7)(b)(i)) Include, at a minimum, the following

areas in all inspections: raw metal storage areas; finished product storage areas; material and chemical storage areas; recycling areas; loading and unloading areas; equipment storage areas; paint areas; vehicle fueling and maintenance areas.

- g. *Comprehensive Site Compliance Evaluation.* (See also Part IV(K)(2)) As part of the evaluation, also inspect: areas associated with the storage of raw metals; storage of spent solvents and chemicals; outdoor paint areas; and drainage from roof. Potential pollutants include chromium, zinc, lubricating oil, solvents, aluminum, oil and grease, methyl ethyl ketone, steel and other related materials.